

INTERNATIONAL SEARCH REPORT

Inte 1st Application No
PCT/IB2004/052319

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04Q7/22

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H04Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 477 176 B1 (HAEMAELAEINEN JARI ET AL) 5 November 2002 (2002-11-05) abstract column 1, line 5 - line 8 column 3, line 29 - line 67 column 4, line 55 - column 5, line 45 column 7, line 2 - line 30 column 9, line 4 - line 33	1-34
X	US 5 740 531 A (OKADA ET AL) 14 April 1998 (1998-04-14) abstract column 1, line 62 - column 2, line 5 ----- -/--	1, 13, 23

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- *G* document member of the same patent family

Date of the actual completion of the international search 9 February 2005	Date of mailing of the international search report 17/02/2005
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel (+31-70) 340-2040, Tx. 31 651 epo nl, Fax (+31-70) 340-3016	Authorized officer Harrysson, A

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 00/31996 A2 (TELEFONAKTIEBOLAGET LM ERICSSON) 2 June 2000 (2000-06-02) abstract page 10, line 2 - page 12, line 2 page 23, line 5 - page 27, line 9	1-34
A	"Digital cellular telecommunications system (Phase 2+); Full rate speech; Voice Activity Detector (VAD) for full rate speech traffic channels (GSM 06.32 version 8.0.0 Release 1999); Draft ETSI EN 300 965" ETSI STANDARDS, EUROPEAN TELECOMMUNICATIONS STANDARDS INSTITUTE, SOPHIA-ANTIPO, FR, vol. SMG11, no. V800, July 2000 (2000-07), XP014002317 ISSN: 0000-0001 the whole document	1-34

INTERNATIONAL SEARCH REPORT

International Application No.

PCT/IB2004/052319

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 6477176	B1	05-11-2002	FI 944352 A	21-03-1996
			AU 3389695 A	09-04-1996
			WO 9609708 A2	28-03-1996
			US 2003016643 A1	23-01-2003
US 5740531	A	14-04-1998	JP 3418463 B2	23-06-2003
			JP 8126047 A	17-05-1996
			GB 2294610 A ,B	01-05-1996
			GB 2312133 A ,B	15-10-1997
WO 0031996	A2	02-06-2000	AU 766016 B2	09-10-2003
			AU 2012300 A	13-06-2000
			BR 9915652 A	07-08-2001
			CA 2351571 A1	02-06-2000
			CN 1130938 C	10-12-2003
			EP 1133886 A2	19-09-2001
			JP 2002531026 T	17-09-2002
			TW 444460 B	01-07-2001
			US 2004062274 A1	01-04-2004
			ZA 200103992 A	05-12-2001